Exercícios Simplificação Booleana

1) $(\bar{A}.\bar{B}.\bar{C}) + (\bar{A}.\bar{B}.C) + (\bar{A}.B.\bar{C}) + (A.B.\bar{C})$

2) $\bar{A}\bar{B}\bar{C} + \bar{A}\bar{B}\mathrm{C} + \bar{A}BC + \mathrm{AB}\bar{C} + \mathrm{ABC}$

3) $\bar{A}\bar{B}C\bar{D} + \bar{A}\bar{B}CD + A\bar{B}\bar{C}\bar{D} + A\bar{B}C\bar{D}$

4) $\overline{AB + \overline{AC + BC}}$